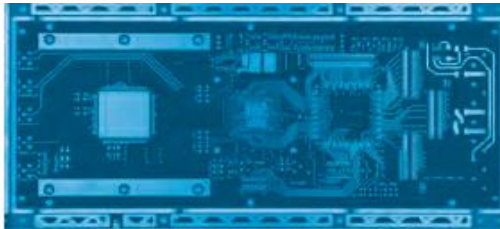
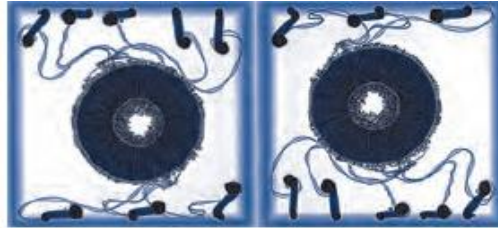




PARTS AGENCY AND EEE CENTRE

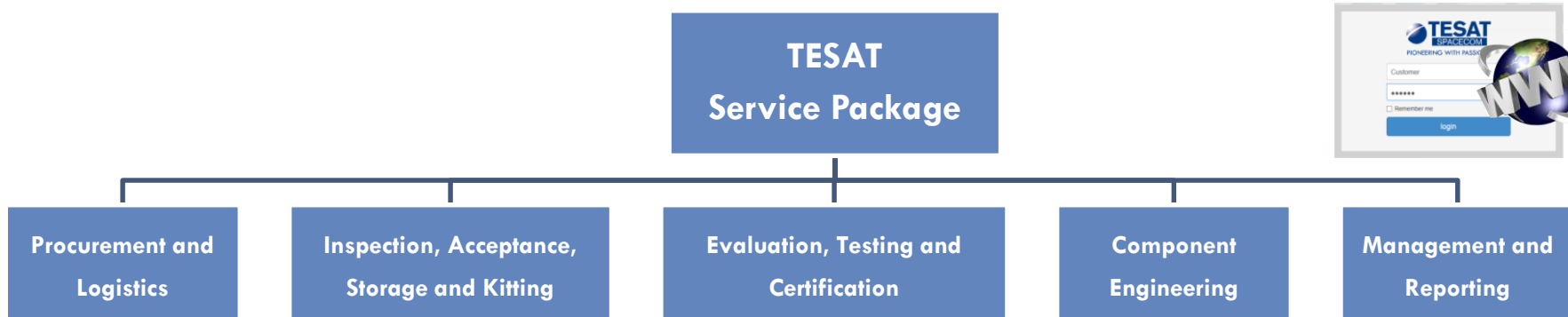
EEE Parts Procurement, Engineering and Services for Ready-to-Use EEE Parts in any Space Application



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- » Largest procurement agent in Europe
- » Service operating since 1972, procurement and service of more than 2,000,000 parts each year
- » Strong team of experienced parts engineers
- » Supply of EEE parts to more than 70 different customers in more than 20 countries worldwide
- » Available facilities for inspection, DPA, failure analysis, long term storage and all other infrastructure for major EEE parts procurement

- » Need to further industrialize space manufacturing is fact
- » Shortage and quality issues of EEE parts is blocker for value stream
- » World-leading Tesat Parts Agency and EEE-Centre competences assures high quality
- » Volume-based procurement, engineering & services massively reduces costs and risk



Parts for Tesat-Spacecom Equipment

- » Procurement in advance
- » Mostly RF-Equipment
- » Almost all Grade 1
- » Focus on Telecom

Parts procured for Parts Agency Business

- » Procuring acc. Customers order
- » Wide range of Applications
- » Mostly Grade 1, some Grade 2
- » For customers in all Space segments



Parts procured
by Tesat-Spacecom

Centralized, Combined, Co-ordinated



MTG

Meteosat Third Generation



MPCV-SM

Multi-Purpose Crew Vehicle

Service Module



ERA

European Robotic Arm



ATV

Automated Transfer Vehicle



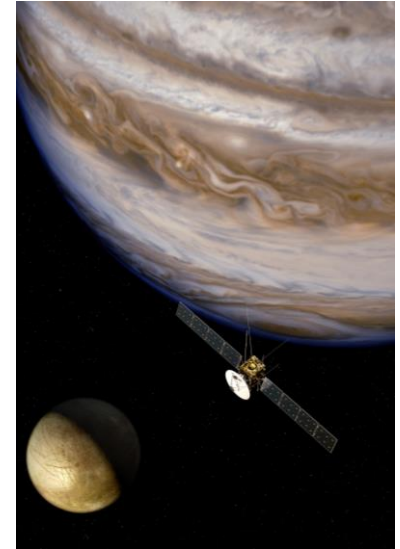
GALILEO



EXOMARS

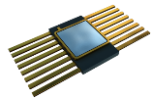


ISS



JUICE

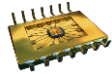
Jupiter Icy Moons Explorer



Laboratory



Quality



Supply Chain

Engineering



Tesat Parts Agency

Sales, Customer Interface and
Project Management for
EEE Parts- , CPPA- and Engineering-
Projects (supported by EEE Centre)

Tesat Parts
Agency Customer



DUAL TWTA



Solid State Power
Amplifiers



Switches



Tesat Sales
Equipment &
Subsystems

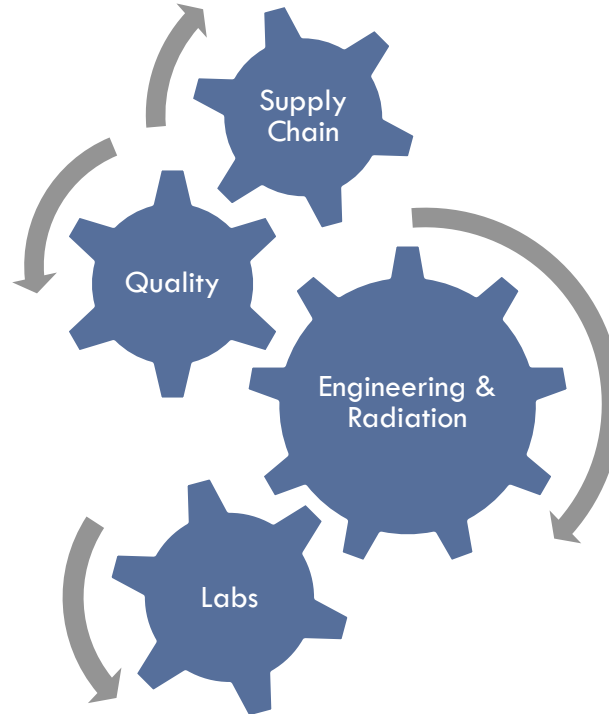
Tesat Projects
Organisation

Tesat
Equipment
Customer

- » Experienced project managers with an outstanding space programs expertise
- » Nominated and solution oriented point of contact for all topics
- » Support in the area of EEE parts procurement, engineering and quality through the EEE Centre located in Backnang
- » Access to EEE Centre expertise (at Tesat and Airbus DS)
- » Procurement for Tesat equipment leads to the availability of a wide range of stock parts
- » Fully space level parts
- » Constant redesign and new developments

PASSION
SUCCESS
PERFORMANCE

- » Schedule Control
- » Export License Management
- » Part Approval Document (PAD)
- » Second Sourcing
- » Technical Know-How
- » Failure Analysis (FA)
- » Technical Interface to Manufacturer
- » Construction Analysis
- » Customized Specifications
- » Parts Selection
- » Evaluation



- » Obsolescence Management
- » Incoming Inspection
- » Alerts Management
- » Source Inspection
- » Supplier Evaluation
- » Radiation Tests
- » Destructive Physical Analysis (DPA)
- » Tesat Equipment Assembly

- » 2017 another successful year, Parts Agency orders of 40MEUR
- » 19 experts in Backnang for Parts Agency
- » 65 experts in Backnang for Engineering, Procurement, Quality and Labs
- » Approx. 230 experts in EEE Centre multi-national

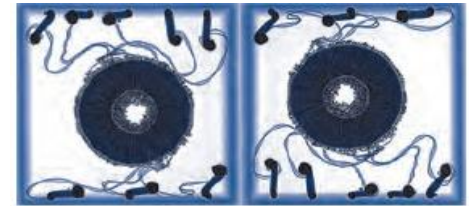
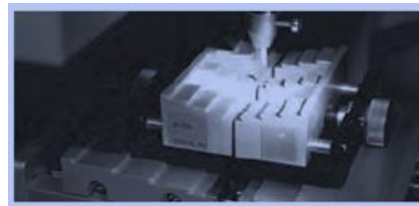
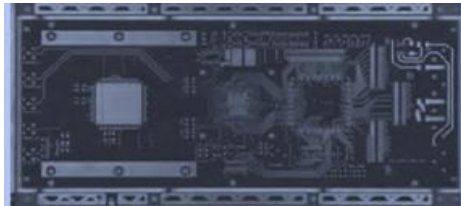
Frequently awarded for customer satisfaction:

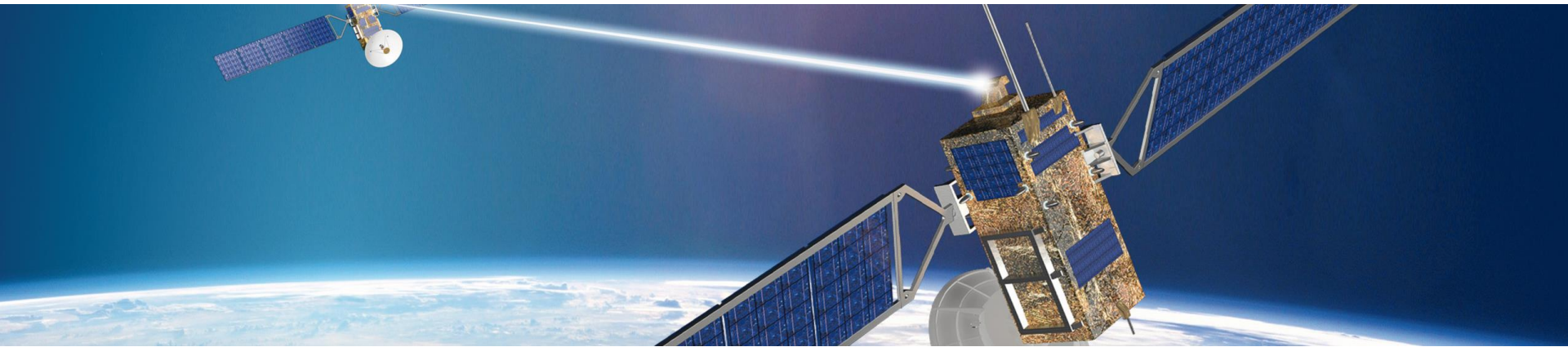
Tesat Parts Agency was recently honored by Rockwell Collins as „Supplier of the Year“



- » Tesat-Spacecom is a market leader for space equipment
- » Worldwide customer base
- » Competence as the leading Parts Agency
- » Customers benefit of our experiences, our relationship to EEE parts manufacturers & our parts volumes

Our Customers focus on their Core Business.
We take care of the EEE Parts.





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